

Homework 5

Create a Java Project(MVC) for Student Profile Management System.

It should have Student model(Unique ID, name, age, address), and Controller layer, Service layer, Dao Layer.

In Dao Layer, use a HashMap(to mock Database) to store Student profiles.

Functions you need to achieve:

1. In Main method, after create a new Student, you should be able to get it and print it out.
2. After delete it, you are unable to get it from inner layer. Using Optional to get the result and show it in main method.

How to grade?

- Project structure contains folders: Dao, Model, Service, Controller. – 10 Points
- Dao, Service folders contains Interface and Implementation. – 10 Points
- Integrate Dao, Service, Controller layers. – 10 Points

- Run code, be able to store two different students, Amy and Tom. – 20 Points
- Be able to get one student by student Id. – 10 Points
- Be able to get all students. – 10 Points
- After delete one student Amy, the storage should contain one student Tom. – 20 Points
- Properly use Optional. – 5 Points
- Variable name and format is in a proper manner. – 5 Points
- Note: Minus 40 for late submission